

ABSTRACT OF THE DISCLOSURE

A fire resistant wood door is formed from an opposing pair of rails interconnected by a upper and lower stiles forming an outer frame. A wood laminate core is provided within the outer frame and covered by
5 outer sheathing. The wood laminate core is formed from first and second panels and a heat barrier layer. Each of the first and second panels is formed from an organic material and provided with a plurality of grooves on one surface. The heat barrier layer is in the form of a casting applied to the grooved surface of at least one, and preferably both, of the first and
10 second panels. The panels are then joined together with the heat barrier layer sandwiched therebetween. When joined with the outer frame and sheathing, a wood door is formed having a fire rating of at least 45 minutes.